

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F _____ Letter requesting confidentiality attached.

C _____ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5053 EXPIRATION DATE June 30, 1984

OPERATOR PETRO-DYNAMICS CORPORATION API NO. 15-051-23,464-0000

ADDRESS Bldg. 1 - Suite 207, 555 N. Woodlawn COUNTY Ellis

Wichita, Kansas 67208 FIELD Cockran, W

** CONTACT PERSON Linc M. McGinnis PHONE (316) 681-1685 PROD. FORMATION Conglomerate Indicate if new pay.

PURCHASER KOCH Oil Company LEASE Alison

ADDRESS P.O. Box 2256 WELL NO. 4

Wichita, Kansas 67201 WELL LOCATION S/2 SE NE

DRILLING KANDRILCO, Inc. Lic. #5889 2310 Ft. from N Line and

CONTRACTOR Building 1 - Suite 207 660 Ft. from E Line of

ADDRESS 555 N. Woodlawn the NE (Qtr.) SEC 13TWP 11SRGE19 (W).

Wichita, Kansas 67208

PLUGGING CONTRACTOR ADDRESS (Office Use Only) KCC KGS SWD/REP PLG. NGPA

TOTAL DEPTH 3530 PBD 3505

SPUD DATE 5-17-83 DATE COMPLETED 5-27-83

ELEV: GR 1914 DF 1919 KB 1922

DRILLED WITH ~~XXXXX~~ ROTARY ~~XXXXX~~ TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 281 DV Tool Used?

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion. Other completion. NGPA filing.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Lincoln M. McGinnis, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Lincoln M. McGinnis (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 2nd day of December 1983.



MY COMMISSION EXPIRES: November 1, 1985

Jamie DePue (NOTARY PUBLIC)

** The person who can be reached by phone regarding any questions concerning this information.

RECEIVED STATE CORPORATION COMMISSION DEC 8 1983

CONSERVATION DIVISION Wichita, Kansas

Side TWO

XXXXXX

OPERATOR PETRO-DYNAMICS CORPORATION LEASE NAME Alison SEC 13 TWP 11S RGE 19 (W)

WELL NO 4

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

Formation description, contents, etc.	Top	Bottom	Name	Depth
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.				
<input checked="" type="checkbox"/> Check if samples sent Geological Survey.				
Shells & Shale	0	184	Heebner Shale	3125(-1203)
Sand & Shale	184	1264	Toronto	3144(-1222)
Anhydrite	1264	1293	Lansing 'A'	3168(-1246)
Lime & Shale	1293	1475	Lansing 'B'	3199(-1277)
Shale	1475	1940	Lansing 'C'	3221(-1299)
Lime & Shale	1940	2130	Lansing 'D'	3241(-1319)
Shale & Lime	2130	2422	Lansing 'G'	3253(-1331)
Lime & Shale	2422	3216	Lansing 'H'	3298(-1376)
Lime & Shale & Chert	3216	3255	Lansing 'I'	3322(-1400)
Lime & Shale	3255	3378	Lansing 'J'	3340(-1418)
Lime & Shale & Chert	3378	3447	Swope	3361(-1439)
Lime & Shale	3447	3460	Hertha	3384(-1462)
Conglomerate	3460	3470	Arbuckle	3464(-1542)
Conglomerate & Arbuckle	3470	3484	LTD	3529(-1607)
Arbuckle	3484	3530		
RTD				

DST - Page 2 attached

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD New or ~~XXXX~~

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2"	8 5/8"	24	284.43	Common	180	2% gel, 3% CaCl ₂
Production	7 7/8"	5 1/2"	14	3520	Surefill	125	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	ISPF/3415-3420	3426-3440;
				1SPF/3336-3340, 2SPF/3384-3388;	
				3240-3258, 3202-3206	

TUBING RECORD		
Size	Setting depth	Pecker set at
2 7/8	3520	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1,500 gal. 15% acid plus 30 balls, Frac w/40,000# sand and gelled, 2% KCL wtr., re-treat 20,000 gal 28% HCL & 20,000 gal. gel 1 1/2% HCL	3415-3420, 3426-3440
500 gal. 15% acid,	3336-3340, 3384-3388 3240-3258, 3202-3206

Date of first production 7-15-83	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 32
Estimated Production-I.P. 55 BOPD	Gas MCF	Water %170BWPD
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio CFPB

3202-3440, OA Perforations

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR PETRO-DYNAMICS CORP. LEASE NAME Alison #4 SEC. 13 TWP. 11S RGE. 19WFILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p><u>DST #1 - 3187'-3216' (30-60-45-90)</u> Recovered 65' mud w/spots of oil. IFP 59-61 #; FFP 70-76# ISIP 989# FSIP 968 IHP 1660# FHP 1610</p>				
<p><u>DST #2 - 3314'-3356' (30-60-45-90)</u> Rec. 250' gas in pipe; 60' heavy oil & gas cut mud; 70' gassy muddy oil IFP 67-80#; FFP 91-101#; ISIP 1010#; FSIP 995# IHP 1756#; FHP 1695#</p>				
<p><u>DST #3 - 3356'-3378' (30-60-45-90)</u> Rec. 20' mud w/trace of oil IFP 58-58#; FFP 56-56# ISIP 801#; FSIP 505# IHP 1720 FHP 1720</p>				
<p><u>DST #4 - 3426'-3460' (30-60-45-90)</u> Rec. 15' clean oil, 45' oil cut mud IFP 55-58#; FFP 67-69# ISIP 1046#; FSIP 1004# IHP 1792#; FHP 1779#</p>				
<p><u>DST #5 - 3472'-3484' (30-60-45-90)</u> Rec. 240' muddy water w/trace of oil 910' salt water w/spots of oil IFP 75-265#; FFP 317-507# ISIP 1055#; FSIP 1026# IHP 1797#; FHP 1760#</p>				